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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of:

Sun *et al.*

Publication No: US 2004/0097569 A1
(From U.S. Appl. No. 10/630,814, filed
July 31, 2003)

Publication Date: May 20, 2004

For: **Aryl Substituted Hydantoin
Compounds and Their Use as
Sodium Channel Blockers**

Confirmation No.: 9795

Art Unit: 1614

Examiner: *To be assigned*

Atty. Docket: 1861.1450001/JMC/JSL

**Request for Corrected Patent Application Publication Under
Under 37 C.F.R. § 1.221(b)**

Mail Stop: PGPUB

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.22(b), Applicants respectfully request that the captioned publication be republished to correct material errors made by the USPTO. Specifically, the following correction is requested:

Correction Requested in Publication	Support in Specification as Filed
At page 13, column 1, claim 21, line 2 of the claim, please delete "F ₄ " and insert - R ₄ - therefor.	Page 33, claim 21, line 2 of the claim.

A copy of the affected page is enclosed with the requested correction noted in red. Republication of the captioned publication to correct material mistakes made by the USPTO is believed proper and issuance thereof is respectfully requested.

Publication No: US 2004/0097569 A1

(From U.S. Appl. No. 10/630,814, filed July 31, 2003)

This request is being made within two months from the date of the captioned patent application publication. No fee is believed to be due. The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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Date: July 20, 2004

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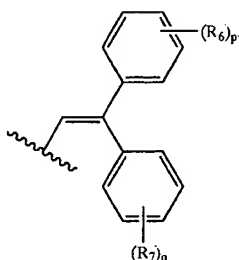
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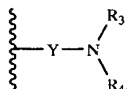
15. The compound according to claim 10, wherein n is 1; R_2 is $-\text{YNR}_3\text{R}_4$, Y is C_{2-6} alkylene; and R_3 and R_4 are the same or different and are selected from hydrogen, alkyl, or aryl.

16. The compound according to claim 11, wherein n is 1; R_2 is $-\text{YNR}_3\text{R}_4$, Y is C_{2-6} alkylene; and R_3 and R_4 are the same or different and are selected from hydrogen, alkyl, or aryl.

17. The compound according to claim 1, wherein R_1 is



18. The compound according to claim 17, wherein R_2 is

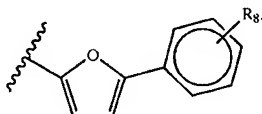


19. The compound according to claim 17 wherein Y is a C_{2-6} alkylene, and R_3 and R_4 are the same or different and are selected from hydrogen, alkyl, or aryl.

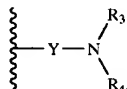
20. The compound according to claim 18, wherein Y is a C_{2-6} alkylene, and R_3 and R_4 together form an alkylene chain having 4 to 5 carbon atoms, which is optionally substituted with an alkyl or aryl moiety.

21. The compound according to claim 20, wherein said alkylene chain formed from taking R_3 and R_4 together is further interrupted by an oxygen atom or $-\text{NR}_5$, where R_5 is hydrogen or C_{1-6} alkyl.

22. The compound according to claim 1, wherein R_1 is



23. The compound according to claim 22, wherein R_2 is



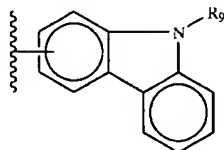
24. The compound according to claim 23, wherein Y is a C_{2-6} alkylene, and R_3 and R_4 are the same or different and are selected from hydrogen, alkyl, or aryl.

25. The compound according to claim 23, wherein Y is a C_{2-6} alkylene, and R_3 and R_4 together form an alkylene

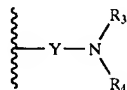
chain having 4 to 5 carbon atoms, which is optionally substituted with an alkyl or aryl moiety.

26. The compound according to claim 25, wherein said alkylene chain formed from taking R_3 and R_4 together is further interrupted by an oxygen atom or $-\text{NR}_5$, where R_5 is hydrogen or alkyl.

27. The compound according to claim 1, wherein R_1 is



28. The compound according to claim 27, wherein R_2 is



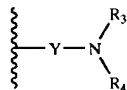
29. The compound according to claim 28, wherein Y is a C_{2-6} alkylene, and R_3 and R_4 are the same or different and are selected from hydrogen, alkyl, or aryl.

30. The compound according to claim 28, wherein Y is a C_{2-6} alkylene, and R_3 and R_4 together form an alkylene chain having 4 to 5 carbon atoms, optionally substituted with an alkyl or aryl moiety.

31. The compound according to claim 30, wherein said alkylene chain formed from taking R_3 and R_4 together is further interrupted by an oxygen atom or $-\text{NR}_5$, where R_5 is hydrogen or alkyl.

32. The compound according to claim 1, wherein R_1 is naphthyl.

33. The compound according to claim 31, wherein R_2 is



34. The compound according to claim 32, wherein Y is a C_{2-6} alkylene, and R_3 and R_4 are the same or different and are selected from hydrogen, alkyl, or aryl.

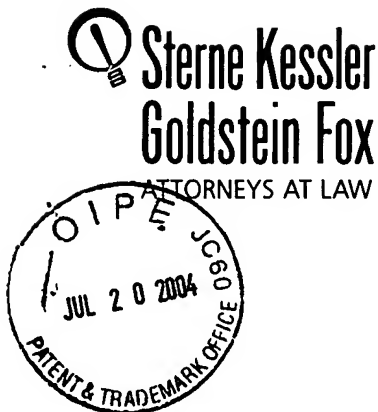
35. The compound according to claim 33, wherein Y is a C_{2-6} alkylene, and R_3 and R_4 together form an alkylene chain having 4 to 5 carbon atoms, which is optionally substituted with an alkyl or aryl moiety.

36. The compound according to claim 35, wherein said alkylene chain is further interrupted by an oxygen atom or $-\text{NR}_5$, where R_5 is hydrogen or alkyl.

37. The compound according to claim 1, wherein said compound is selected from the group consisting of:

3-(2-piperidinyloethyl)-1-(4-(4-fluorophenoxy)benzyl) hydantoin;

3-(2-piperidinyloethyl)-1-(4-(benzyloxy)benzyl) hydantoin;



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July 20, 2004

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Re: U.S. Utility Patent Application
Application No. 10/630,814; Filed: July 31, 2003
For: **Aryl Substituted Hydantoin Compounds and Their Use as Sodium
Channel Blockers**
Inventors: Sun *et al.*
Our Ref: 1861.1450001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Request for Corrected Patent Application Publication Under 37 C.F.R. § 1.221(b);
2. Copy of the affected page with the requested correction noted in red; and
3. One (1) return postcard.

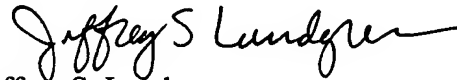
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
July 20, 2004
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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JMC/JSL/asl
Enclosures

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